

Table 1C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Demographic Indicators
Children Aged < 5 Years (2,3)

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Run Date: 5 / 9 / 08

Total Records	Number
Individual Children	237,338
Total Records (All Visits)	350,287

Source of Data	Number	%
WIC	237,338	100.0
EPSDT	0	0.0
Child Health-MCH	0	0.0
Child Health-HMO	0	0.0
Headstart	0	0.0
School Health	0	0.0
Other	0	0.0
Total	237,338	100.0
<i>Excluded Unknown:</i> 0 0.0 %		

Race/Ethnic Distribution	Number	%
White, Not Hispanic	125,298	52.8
Black, Not Hispanic	62,781	26.5
Hispanic	33,084	13.9
American Indian/Alaskan Native	787	0.3
Asian/Pacific Islander	3,649	1.5
Multiple Races	11,739	4.9
All Other	0	0.0
Total	237,338	100.0
<i>Excluded Unknown:</i> 0 0.0 %		

Age Distribution (4)	Number	%
0 - 5 Months	57,437	24.2
6 - 11 Months	28,885	12.2
12 - 23 Months	51,043	21.5
24 - 35 Months	39,182	16.5
3 - 4 Years	60,791	25.6
Total	237,338	100.0

% of Poverty Level	Number	%
0-50	0	0.0
51-100	0	0.0
101-130	0	0.0
131-150	0	0.0
151-185	0	0.0
186-200	0	0.0
Over 200	0	0.0
Adjunctive Eligibility	0	0.0
Total	0	0.0
<i>Excluded Unknown:</i> 237,338 100. %		

Program Participation	Number	%
WIC	0	0.0
FoodStamps	0	0.0
Medicaid	0	0.0
TANF	0	0.0
<i>Excluded Unknown:</i>		
WIC	237,338	100.0
FoodStamps	237,338	100.0
Medicaid	237,338	100.0
TANF	237,338	100.0

Migrant Status	Number	%
Yes	0	0.0
No	0	0.0
Total	0	0.0
<i>Excluded Unknown</i> 237,338 100. %		

- (1) Reporting period is January 1 through December 31.
(2) Analyses based on one record per child.
(3) Excludes records with unknown data or errors.
(4) Records rejected if date of birth and date of visit unknown.
* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 2C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Health Indicators
Children Aged < 5 Years ⁽²⁾

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Summary of Health Indicators ⁽³⁾					
			Michigan Prevalence		National Prevalence (Prior Year)
			Number	%	Number %
Birthweight (4)					
Low	< 2500 g		56,363	9.6	1,842,970 9.2
High	> 4000 g		56,363	7.2	1,842,970 6.6
Height and Weight					
Short Stature (5)	< 5th		230,562	6.8	7,192,043 6.4
	< 10th		230,562	11.8	7,192,043 11.4
Underweight (6)	< 5th		230,562	4.0	7,192,043 4.7
	< 10th		230,562	7.0	7,192,043 8.0
Overweight (6)	≥ 95th		230,562	12.5	7,192,043 13.8
	≥ 2 Yrs Overweight (6)	85th - < 95th	97,905	16.4	2,945,212 16.4
		≥ 95th	97,905	13.7	2,945,212 14.8
Anemia (7)					
Low Hb			139,244	14.6	4,092,770 14.3
Low Hct			84	*	652,304 10.9
Low Hb/Hct			139,304	14.6	4,521,591 14.0
Breastfeeding (8)					
Ever Breastfed			59,326	51.8	1,577,832 60.1
Breastfed At Least 6 Months			43,476	15.3	790,341 25.2
Breastfed At Least 12 Months			38,593	12.4	875,205 18.1
Smoking in Household					
≤ 2 Hours TV Viewing/ Day (9)			0	*	2,855,916 10.6
			0	*	584,732 73.3

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

(8) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(9) Children aged 2 years and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 3C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Breastfeeding Indicators
Children Aged < 5 Years ⁽²⁾

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Summary of Breastfeeding Indicators ⁽³⁾				
	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Breastfeeding Duration ^(4,5)				
Ever Breastfed	59,326	51.8	1,577,832	60.1
Breastfed 1+ Weeks	51,260	50.7	1,299,520	58.5
Breastfed 2+ Weeks	44,444	45.5	1,030,249	55.2
Breastfed 3+ Weeks	38,487	41.4	852,030	52.5
Breastfed 4+ Weeks	35,034	38.4	746,660	49.9
Breastfed 6+ Weeks	32,757	32.2	628,208	44.0
Breastfed 2+ Months	33,430	27.5	581,374	38.7
Breastfed 3+ Months	36,969	22.4	610,380	33.8
Breastfed 4+ Months	41,340	18.8	683,087	29.9
Breastfed 5+ Months	45,966	16.6	763,521	27.0
Breastfed 6+ Months	43,476	15.3	790,341	25.2
Breastfed 9+ Months	32,669	13.1	820,087	20.7
Breastfed 12+ Months	38,593	12.4	875,205	18.1
Breastfed 18+ Months	30,554	12.5	660,721	12.2
Exclusive Breastfeeding ⁽⁶⁾				
Exclusively Breastfed at Least 3 Months	0	*	104,492	10.3
Exclusively Breastfed at Least 6 Months	0	*	143,261	5.6

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. For each breastfeeding duration category, the analysis includes only children who turned that age during the reporting period by/on their date of visit. For example, infants who turned 9 months old during the reporting period by/on their date of visit are included in the 9+ months analysis.

(5) It is possible the analysis will show that slightly more infants are breastfed at older ages, e.g. 1+ week of age, than at younger ages, e.g. at birth (ever breastfed), due to variation in infants included in each breastfeeding analysis category.

(6) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 4C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Comparison of Racial and Ethnic Distribution by Contributor
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5 / 9 / 08

Comparison of Racial and Ethnic Distribution by Contributor								
Contributor	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
Michigan	237,338	52.8	26.5	13.9	0.3	1.5	4.9	0.0
Nation (Prior Year)	7,599,318	31.5	18.5	41.1	1.0	2.5	1.5	3.9

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 5C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Comparison of Age Distribution by Contributor
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5 / 9 / 08

Comparison of Age Distribution by Contributor				
Contributor	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Michigan	237,338	36.4	21.5	42.1
Nation (Prior Year)	7,599,318	37.6	21.8	40.6

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Records rejected if date of birth and date of visit unknown.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 6C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by Contributor
Children Aged < 5 Years (2)

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Comparison of Growth and Anemia Indicators by Contributor ⁽³⁾													
Contributor	Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)		
	Low		High		Short Stature (5)	Under- weight (6)	Over- weight (6)	≥ 2 Yrs Over- weight (6)					
	Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th-	% <95th	% ≥95th	Number	%
Michigan	56,363	9.6	7.2	230,562	6.8	4.0	12.5	97,905	16.4		13.7	139,304	14.6
Nation (Prior Year)	1,842,970	9.2	6.6	7,192,043	6.4	4.7	13.8	2,945,212	16.4		14.8	4,521,591	14.0

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 7C
2007 Pediatric Nutrition Surveillance (1)
Michigan

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Contributor (2)
Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Contributor
(4)

	Breastfeeding (5)				Exclusive Breastfeeding (6)				≤2 Hours TV Viewing/Day (7)	Smoking in Household		
Contributor	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	% Breastfed At Least 3 Months	Number	% Breastfed At Least 6 Months	Number	%
Michigan	59,326	51.8	43,476	15.3	38,593	12.4	0	*	0	*	0	*
Nation (Prior Year)	1,577,832	60.1	790,341	25.2	875,205	18.1	104,492	10.3	143,261	5.6	584,732	73.3
											2,855,911	10.6

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

(6) The analysis includes infants who were ever breastfed and who turned that age during the reporting period by/on their date of visit.

(7) Children ages 2 years and older included in the analyses.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 8C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Growth and Anemia Indicators by Race/Ethnicity or Age
Children Aged < 5 Years ⁽²⁾

Growth and Anemia Indicators by Race/Ethnicity or Age ⁽³⁾												
	Birthweight (4)			Height and Weight							Anemia Low Hb/Hct (7)	
	Number	Low %	High %	Number	Short Stature (5) %	Under- weight (6) %	Over- weight (6) %	≥ 2 Yrs Overweight (6)				
		<2500 g	>4000 g		<5th	<5th	≥95th	Number	85th-<95th	%		
											%	
Race/Ethnicity												
White, Not Hispanic	30,193	8.3	8.6	122,236	6.5	3.7	11.8	51,648	16.6	12.8	75,451	10.8
Black, Not Hispanic	15,488	13.5	4.2	60,646	7.9	5.2	11.5	25,042	14.2	11.5	35,047	23.9
Hispanic	6,798	6.9	7.9	31,988	6.3	2.7	17.0	14,753	19.4	20.3	19,331	12.8
American Indian/Alaskan Native	192	8.9	14.6	774	4.8	4.4	15.1	359	17.0	16.7	459	12.0
Asian/Pacific Islander	787	8.1	4.7	3,536	5.9	5.5	10.2	1,594	15.0	11.4	1,992	12.9
Multiple Races	2,905	10.0	6.7	11,382	6.3	3.5	13.9	4,509	16.7	15.3	7,024	14.8
All Other	0	*	*	0	*	*	*	0	*	*	0	*
Total	56,363	9.6	7.2	230,562	6.8	4.0	12.5	97,905	16.4	13.7	139,304	14.6
Age												
0 - 11 Months	-	-	-	82,460	10.1	5.4	9.9	-	*	*	7,066	18.2
12 - 23 Months	-	-	-	50,197	6.4	2.9	14.6	-	*	*	54,512	16.7
24 - 35 Months	-	-	-	38,304	4.7	3.3	12.3	38,304	15.8	12.3	31,026	15.9
36 - 47 Months	-	-	-	32,415	4.2	3.5	14.1	32,415	16.6	14.1	27,039	11.8
48 - 59 Months	-	-	-	27,186	3.8	3.0	15.1	27,186	17.1	15.1	19,661	9.6
Total	-	-	-	230,562	6.8	4.0	12.5	97,905	16.4	13.7	139,304	14.6

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 9C
2007 Pediatric Nutrition Surveillance (1)
Michigan

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Run Date: 5 / 9 / 08

Breastfeeding, TV Viewing, and Smoking in Household by Race/Ethnicity or Age (2)
Children Aged < 5 Years (3)

Breastfeeding, TV Viewing, and Smoking in Household by Race/Ethnicity or Age (4)								
	Breastfeeding (5)						<2 Hours TV/Video Viewing/Day (6)	Smoking in Household
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months	Number	%
Race/Ethnicity								
White, Not Hispanic	31,633	56.4	23,935	15.7	20,596	12.5	0	*
Black, Not Hispanic	16,320	37.8	10,914	11.3	9,875	9.6	0	*
Hispanic	7,329	61.9	5,552	21.8	5,363	17.3	0	*
American Indian/Alaskan Native	198	60.6	114	11.4	112	9.8	0	*
Asian/Pacific Islander	841	59.8	617	28.4	556	25.9	0	*
Multiple Races	3,005	51.7	2,344	11.3	2,091	8.6	0	*
All Other	0	*	0	*	0	*	0	*
Total	59,326	51.8	43,476	15.3	38,593	12.4	0	*
Age								
0 - 11 Months	-	-	-	-	-	-	0	*
12 - 23 Months	-	-	-	-	-	-	0	*
24 - 35 Months	-	-	-	-	-	-	0	*
36 - 47 Months	-	-	-	-	-	-	0	*
48 - 59 Months	-	-	-	-	-	-	0	*
Total	59,326	51.8	43,476	15.3	38,593	12.4	0	*

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 10C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Racial and Ethnic Distribution
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5 / 9 / 08

Summary of Trends in Racial and Ethnic Distribution								
Year	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	Multiple Races %	All Other / Unknown %
2007	237,338	52.8	26.5	13.9	0.3	1.5	4.9	0.0
2006	232,137	53.1	26.5	13.7	0.4	1.6	4.7	0.0
2005	229,602	49.1	24.7	11.4	0.5	1.5	2.1	10.8
2004	227,623	57.7	28.6	11.5	0.7	1.5	0.0	0.0
2003	222,370	57.7	29.1	11.1	0.7	1.4	0.0	0.0
2002	223,043	58.0	29.6	10.6	0.6	1.3	0.0	0.0
2001	228,141	57.3	30.6	10.3	0.6	1.2	0.0	0.0
2000	222,687	57.2	31.5	9.5	0.6	1.2	0.0	0.0
1999	322,928	58.9	31.0	8.2	0.7	1.2	0.0	0.0
1998	222,437	59.5	31.2	7.5	0.6	1.2	0.0	0.0
1997	223,436	58.9	32.3	7.0	0.6	1.2	0.0	0.0
1996	219,085	58.5	32.9	6.9	0.6	1.2	0.0	0.0
1995	217,109	59.1	32.8	6.4	0.6	1.0	0.0	0.0
1994	79,477	60.1	32.8	5.5	0.7	0.9	0.0	0.0
1993	2	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 11C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Age Distribution
Children Aged < 5 Years (2)

Page: 1
Run Date: 5 / 9 / 08

Summary of Trends in Age Distribution (3)				
Year	Number Included in Analysis (4)	0-11 Months %	12-23 Months %	24-59 Months %
2007	237,338	36.4	21.5	42.1
2006	232,137	36.7	21.2	42.1
2005	229,602	36.3	21.3	42.4
2004	227,623	36.1	20.9	43.0
2003	222,370	36.0	20.7	43.2
2002	223,043	35.8	21.2	43.0
2001	228,141	37.9	20.4	41.7
2000	222,687	38.3	20.2	41.5
1999	322,928	36.1	21.3	42.6
1998	222,437	38.4	19.8	41.7
1997	223,436	37.8	19.8	42.4
1996	219,085	36.9	20.6	42.5
1995	217,109	38.3	20.8	40.8
1994	79,477	38.0	22.6	39.5
1993	2	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Records rejected if date of birth and date of visit unknown.

(4) Excludes records with unknown data or errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 12C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Growth and Anemia Indicators
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5/9/2008

Summary of Trends in Growth and Anemia Indicators ⁽³⁾												
Year	Birthweight (4)			Height and Weight							Anemia Low Hb/Hct (7)	
	Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
	Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th-<95th	% ≥95th	Number	%
2007	56,363	9.6	7.2	230,562	6.8	4.0	12.5	97,905	16.4	13.7	139,304	14.6
2006	55,559	9.8	7.3	225,665	6.8	4.1	12.4	95,780	16.2	13.3	135,168	12.9
2005	53,632	9.8	7.8	222,271	6.7	4.2	12.3	95,227	15.6	12.7	136,536	14.0
2004	52,604	9.6	8.0	221,604	6.8	4.0	13.0	95,863	16.1	13.2	136,704	13.1
2003	50,792	9.4	8.3	216,362	6.9	4.3	12.7	93,962	16.1	12.9	134,250	13.1
2002	49,439	9.5	8.2	216,350	7.0	4.6	12.2	94,065	15.7	12.4	139,155	13.0
2001	55,685	9.7	8.5	221,698	7.7	4.8	11.8	93,453	15.6	12.3	164,937	13.8
2000	55,392	8.9	8.6	216,687	7.5	4.8	11.7	90,754	15.5	12.0	160,182	14.6
1999	72,792	8.9	8.9	314,350	7.3	5.0	11.0	135,007	14.8	11.0	208,807	15.1
1998	55,572	9.4	8.8	215,365	7.5	5.5	10.3	90,760	14.3	10.1	168,297	14.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 12C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Growth and Anemia Indicators
Children Aged < 5 Years ⁽²⁾

Page: 2
Run Date: 5/9/2008

Summary of Trends in Growth and Anemia Indicators ⁽³⁾												
Year	Birthweight (4)			Height and Weight							Anemia Low Hb/Hct (7)	
	Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
	Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th-<95th	% ≥95th	Number	%
1997	55,789	9.3	9.0	216,856	7.6	5.2	10.6	92,893	14.5	10.1	171,694	15.7
1996	54,558	9.3	8.8	213,065	7.8	5.6	10.1	91,581	14.5	9.7	168,939	16.1
1995	56,302	9.4	8.9	211,220	8.4	5.7	9.6	87,224	14.2	9.6	165,448	16.9
1994	27,227	9.4	9.3	77,538	8.5	5.0	10.4	30,925	15.0	10.2	58,857	15.3
1993	0	*	*	1	*	*	*	1	*	*	2	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 13C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Breastfeeding
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5/9/2008

Summary of Trends in Breastfeeding ⁽³⁾						
Year	Breastfeeding (4)					
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
2007	59,326	51.8	43,476	15.3	38,593	12.4
2006	58,676	51.2	41,890	15.8	36,303	12.9
2005	57,291	50.9	42,538	15.5	36,578	12.2
2004	55,961	48.7	43,459	14.6	35,951	11.9
2003	53,953	48.0	41,545	14.7	34,040	11.8
2002	52,433	46.7	41,779	13.6	34,975	10.7
2001	58,927	45.2	43,743	12.3	35,033	9.6
2000	58,579	43.3	42,280	12.4	33,524	9.2
1999	74,508	43.3	51,954	11.9	41,048	8.9
1998	55,523	42.8	40,643	11.2	32,201	8.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 13C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Breastfeeding
Children Aged < 5 Years ⁽²⁾

Page: 2
Run Date: 5/9/2008

Summary of Trends in Breastfeeding ⁽³⁾						
Year	Breastfeeding (4)					
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
1997	55,724	41.0	40,425	10.3	32,679	8.2
1996	52,980	39.5	38,986	10.3	33,192	7.6
1995	52,745	38.4	39,431	10.0	32,111	7.7
1994	25,354	39.7	19,285	9.3	15,452	6.7
1993	0	*	0	*	1	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 14C
2007 Pediatric Nutrition Surveillance
Michigan
Children Aged < 5 Years

Page: 1
Run Date: 5 / 9 / 08

This table is forthcoming. It may present changes over time in the prevalence of short stature, underweight, overweight, or anemia among cohorts of children participating in the PedNSS.

Table 15C
2007 Pediatric Nutrition Surveillance
Michigan
Children Aged < 5 Years

Page: 1
Run Date: 5 / 9 / 08

This table is forthcoming. It may present changes over time in the prevalence of short stature, underweight, overweight, or anemia among cohorts of children participating in the PedNSS.

Table 16C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Growth Indicators by Race/Ethnicity and Age
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 5/9/2008

Growth Indicators by Race/Ethnicity and Age ⁽³⁾								
	Short Stature (4)		Underweight (5)		Overweight (5)		≥ 2 Yrs Overweight (5)	
	Number	% <5th	Number	% <5th	Number	% ≥95th	Number	% 85th - <95th % ≥95th
White, Not Hispanic								
0 - 11 Months	44,376	9.2	44,376	5.2	44,376	9.5	0	0.0
12 - 23 Months	26,212	6.1	26,212	2.7	26,212	13.8	0	0.0
24 - 59 Months	51,648	4.3	51,648	2.8	51,648	12.8	51,648	16.6
Total	122,236	6.5	122,236	3.7	122,236	11.8	51,648	16.6
Black, Not Hispanic								
0 - 11 Months	22,248	12.6	22,248	6.0	22,248	9.8	0	0.0
12 - 23 Months	13,356	7.5	13,356	4.1	13,356	14.4	0	0.0
24 - 59 Months	25,042	4.0	25,042	5.1	25,042	11.5	25,042	14.2
Total	60,646	7.9	60,646	5.2	60,646	11.5	25,042	14.2
Hispanic								
0 - 11 Months	10,119	9.0	10,119	4.7	10,119	11.5	0	0.0
12 - 23 Months	7,116	6.1	7,116	1.7	7,116	18.2	0	0.0
24 - 59 Months	14,753	4.6	14,753	1.8	14,753	20.3	14,753	19.4
Total	31,988	6.3	31,988	2.7	31,988	17.0	14,753	19.4
American Indian/Alaskan Native								
0 - 11 Months	266	5.3	266	8.6	266	11.7	0	0.0
12 - 23 Months	149	2.7	149	2.0	149	17.4	0	0.0
24 - 59 Months	359	5.3	359	2.2	359	16.7	359	17.0
Total	774	4.8	774	4.4	774	15.1	359	17.0

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 16C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Growth Indicators by Race/Ethnicity and Age
Children Aged < 5 Years ⁽²⁾

Page: 2
Run Date: 5/9/2008

Growth Indicators by Race/Ethnicity and Age ⁽³⁾								
	Short Stature (4)		Underweight (5)		Overweight (5)		≥ 2 Yrs Overweight (5)	
	Number	% <5th	Number	% <5th	Number	% ≥95th	Number	% 85th - <95th % ≥95th
Asian/Pacific Islander								
0 - 11 Months	1,206	7.5	1,206	5.6	1,206	8.1	0	0.0 0.0
12 - 23 Months	736	5.0	736	4.2	736	11.0	0	0.0 0.0
24 - 59 Months	1,594	5.1	1,594	6.0	1,594	11.4	1,594	15.0 11.4
Total	3,536	5.9	3,536	5.5	3,536	10.2	1,594	15.0 11.4
Multiple Races								
0 - 11 Months	4,245	9.7	4,245	5.7	4,245	11.3	0	0.0 0.0
12 - 23 Months	2,628	5.0	2,628	2.4	2,628	15.7	0	0.0 0.0
24 - 59 Months	4,509	3.7	4,509	2.2	4,509	15.3	4,509	16.7 15.3
Total	11,382	6.3	11,382	3.5	11,382	13.9	4,509	16.7 15.3
All Other/Unknown								
0 - 11 Months	0	*	0	*	0	*	0	* *
12 - 23 Months	0	*	0	*	0	*	0	* *
24 - 59 Months	0	*	0	*	0	*	0	* *
Total	0	*	0	*	0	*	0	* *
Total All Race/Ethnic Groups								
0 - 11 Months	82,460	10.1	82,460	5.4	82,460	9.9	0	0.0 0.0
12 - 23 Months	50,197	6.4	50,197	2.9	50,197	14.6	0	0.0 0.0
24 - 59 Months	97,905	4.3	97,905	3.3	97,905	13.7	97,905	16.4 13.7
Total	230,562	6.8	230,562	4.0	230,562	12.5	97,905	16.4 13.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 17C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Anemia Indicators by Race/Ethnicity and Age
Children Aged < 5 Years (2)

Page: 1
Run Date: 5 / 9 / 08

Anemia Indicators by Race/Ethnicity and Age (3, 4)					
	Anemia Low Hb/Hct %			Anemia Low Hb/Hct %	
	Number			Number	
White, Not Hispanic			Asian/Pacific Islander		
6 - 11 Months	3,801	14.6	6 - 11 Months	118	18.6
12 - 17 Months	18,780	14.3	12 - 17 Months	455	14.3
18 - 23 Months	10,992	11.1	18 - 23 Months	301	10.6
24 - 35 Months	16,688	11.0	24 - 35 Months	470	15.5
36 - 59 Months	25,190	7.4	36 - 59 Months	648	9.9
Total	75,451	10.8	Total	1,992	12.9
Black, Not Hispanic			Multiple Races		
6 - 11 Months	1,884	25.8	6 - 11 Months	377	17.0
12 - 17 Months	8,375	25.9	12 - 17 Months	1,875	17.2
18 - 23 Months	5,239	24.6	18 - 23 Months	1,108	17.8
24 - 35 Months	7,851	27.4	24 - 35 Months	1,503	15.5
36 - 59 Months	11,698	19.4	36 - 59 Months	2,161	10.4
Total	35,047	23.9	Total	7,024	14.8
Hispanic			All Other/Unknown		
6 - 11 Months	863	17.4	6 - 11 Months	0	*
12 - 17 Months	4,356	16.1	12 - 17 Months	0	*
18 - 23 Months	2,864	13.1	18 - 23 Months	0	*
24 - 35 Months	4,412	14.1	24 - 35 Months	0	*
36 - 59 Months	6,836	9.2	36 - 59 Months	0	*
Total	19,331	12.8	Total	0	*
American Indian/Alaskan Native			Total All Race/Ethnic Groups		
6 - 11 Months	23	*	6 - 11 Months	7,066	18.2
12 - 17 Months	90	*	12 - 17 Months	33,931	17.6
18 - 23 Months	77	*	18 - 23 Months	20,581	15.2
24 - 35 Months	102	13.7	24 - 35 Months	31,026	15.9
36 - 59 Months	167	9.6	36 - 59 Months	46,700	10.9
Total	459	12.0	Total	139,304	14.6

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 18C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Page: 1
Run Date: 5 / 9 / 08

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)	
		Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th - <95th	% ≥95th	Number	%
White, Not Hispanic	2007	30,193	8.3	8.6	122,236	6.5	3.7	11.8	51,648	16.6	12.8	75,451	10.8
	2006	29,753	8.3	8.6	120,274	6.5	3.9	11.6	51,083	16.3	12.5	73,889	9.4
	2005	20,565	8.3	9.1	109,580	5.9	3.7	11.9	49,196	15.9	12.2	72,852	10.4
	2004	31,141	8.5	9.4	128,090	6.5	3.6	12.5	54,702	16.6	13.0	79,361	10.2
	2003	29,794	8.2	9.4	125,251	6.5	3.8	12.2	53,935	17.0	13.0	77,964	10.2
	2002	29,351	8.1	9.6	125,739	6.7	4.1	11.9	54,228	16.4	12.5	80,477	9.8
	2001	31,616	8.2	10.0	127,624	7.3	4.4	11.4	54,188	16.1	12.5	95,574	10.7
	2000	31,232	7.3	10.3	124,531	6.9	4.5	11.3	52,269	16.0	12.3	92,632	11.1
	1999	41,907	7.4	10.6	185,783	6.8	4.6	10.7	79,715	15.3	11.2	123,469	11.5
	1998	32,549	7.8	10.4	128,561	6.9	5.1	9.8	53,762	14.7	10.2	102,145	11.3
Black, Not Hispanic	2007	15,488	13.5	4.2	60,646	7.9	5.2	11.5	25,042	14.2	11.5	35,047	23.9
	2006	15,319	14.2	4.2	59,554	8.0	5.3	11.5	24,652	14.0	11.0	33,317	21.3
	2005	10,733	14.4	5.1	54,726	7.3	5.0	11.8	24,285	13.4	10.6	34,245	22.1
	2004	14,933	13.3	5.1	63,141	7.5	5.0	12.6	27,132	14.2	11.0	38,016	20.3
	2003	14,534	13.0	5.7	62,643	7.5	5.4	12.4	27,191	13.7	10.7	38,290	20.4
	2002	14,426	13.4	5.2	63,663	7.4	5.8	11.5	27,738	13.7	10.4	40,434	20.5
	2001	17,610	13.4	5.5	67,427	8.4	5.7	11.3	28,090	13.9	10.0	49,221	20.5
	2000	17,755	12.4	5.5	67,773	8.4	5.7	11.2	28,354	13.6	9.8	49,548	21.8
	1999	23,533	12.3	5.8	97,116	8.0	6.1	10.7	41,626	13.0	9.0	63,897	22.5
	1998	18,121	13.0	5.6	66,834	8.3	6.4	10.2	28,178	12.7	8.5	50,278	22.3

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 18C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Page: 2
Run Date: 5 / 9 / 08

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)	
		Low	High	Short Stature (5)	Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)						
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th -	% <95th	% ≥95th	Number
Hispanic	2007	6,798	6.9	7.9	31,988	6.3	2.7	17.0	14,753	19.4	20.3	19,331	12.8
	2006	6,648	7.1	8.2	30,855	6.3	2.6	16.7	13,948	19.3	19.7	19,109	11.2
	2005	4,771	7.0	8.7	25,441	5.8	2.7	16.9	12,253	18.5	18.2	16,744	12.3
	2004	5,338	6.2	8.4	25,541	6.9	3.1	16.8	12,076	17.8	18.3	16,436	10.5
	2003	5,323	6.5	9.5	23,949	7.3	3.4	16.1	10,961	18.0	17.9	15,245	10.2
	2002	4,683	6.6	8.9	22,822	7.2	3.8	15.8	10,328	17.4	17.2	15,636	11.0
	2001	5,503	6.4	9.1	22,697	7.8	4.0	15.4	9,476	17.2	17.5	17,221	12.1
	2000	5,475	7.3	8.8	20,455	7.8	4.2	14.6	8,396	17.8	17.3	15,149	12.4
	1999	6,138	7.0	9.1	25,643	8.0	4.2	14.6	11,034	17.1	16.3	17,620	13.4
	1998	4,046	7.1	10.2	16,094	8.3	4.9	13.6	7,099	17.1	15.0	12,756	12.3
American Indian/Alaskan Native	2007	192	8.9	14.6	774	4.8	4.4	15.1	359	17.0	16.7	459	12.0
	2006	157	5.7	14.6	802	5.2	4.6	17.1	395	18.0	17.2	537	10.2
	2005	163	8.0	14.1	1,076	5.2	3.1	19.0	514	16.9	20.8	748	14.4
	2004	395	7.8	9.6	1,557	6.4	2.9	17.1	663	22.9	17.0	983	11.6
	2003	347	6.3	12.1	1,437	5.8	2.9	15.3	631	21.1	15.8	930	10.1
	2002	320	5.6	12.8	1,377	5.5	2.8	15.6	602	19.8	15.8	910	8.4
	2001	327	7.6	12.8	1,367	6.2	2.9	16.6	610	24.1	15.1	1,005	8.8
	2000	325	5.5	12.6	1,408	5.4	3.4	17.5	637	20.4	17.4	1,027	11.3
	1999	448	8.0	15.2	2,065	4.5	3.1	14.5	918	19.3	15.7	1,371	11.5
	1998	316	6.0	15.2	1,384	5.6	4.3	14.7	652	19.3	15.0	1,134	11.0

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 18C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

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Run Date: 5 / 9 / 08

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)	
		Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th -	% <95th	% ≥95th	Number
Asian/Pacific Islander	2007	787	8.1	4.7	3,536	5.9	5.5	10.2	1,594	15.0	11.4	1,992	12.9
	2006	829	9.7	4.2	3,675	7.1	6.0	11.0	1,595	13.0	11.7	2,091	12.7
	2005	645	10.4	5.3	3,214	6.8	7.2	11.4	1,424	12.2	12.4	2,059	13.6
	2004	797	7.4	6.5	3,273	6.8	5.2	11.4	1,288	13.7	12.3	1,906	12.4
	2003	794	7.9	4.4	3,082	7.2	5.3	12.1	1,244	15.3	13.2	1,821	13.4
	2002	659	8.6	5.0	2,749	7.8	4.3	11.5	1,169	15.7	13.0	1,698	12.6
	2001	628	8.6	5.7	2,580	7.6	4.7	11.1	1,088	14.9	13.1	1,913	14.1
	2000	605	6.0	4.6	2,520	9.1	4.6	10.8	1,098	15.7	12.1	1,826	12.5
	1999	766	7.2	4.3	3,743	8.6	4.9	10.7	1,714	15.2	11.4	2,450	15.5
	1998	540	8.5	6.3	2,492	8.9	6.1	11.2	1,069	13.9	13.8	1,984	12.4
Multiple Races	2007	2,905	10.0	6.7	11,382	6.3	3.5	13.9	4,509	16.7	15.3	7,024	14.8
	2006	2,852	8.8	8.5	10,495	6.0	3.7	13.7	4,105	17.3	15.4	6,218	14.2
	2005	1,422	8.6	7.7	4,597	6.9	3.3	13.5	1,858	17.2	15.7	2,640	15.1
	2004	0	*	*	0	*	*	*	0	*	*	0	*
	2003	0	*	*	0	*	*	*	0	*	*	0	*
	2002	0	*	*	0	*	*	*	0	*	*	0	*
	2001	0	*	*	0	*	*	*	0	*	*	0	*
	2000	0	*	*	0	*	*	*	0	*	*	0	*
	1999	0	*	*	0	*	*	*	0	*	*	0	*
	1998	0	*	*	0	*	*	*	0	*	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 18C
2007 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

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Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight						Anemia Low Hb/Hct (7)		
		Low	High	Short Stature (5)	Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)						
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th -	% <95th	% ≥95th	Number
All Other/Unknown	2007	0	*	*	0	*	*	*	0	*	*	0	*
	2006	1	*	*	10	*	*	*	2	*	*	7	*
	2005	15,333	9.6	7.5	23,637	9.6	5.8	9.5	5,697	15.5	11.8	7,248	15.0
	2004	0	*	*	2	*	*	*	2	*	*	2	*
	2003	0	*	*	0	*	*	*	0	*	*	0	*
	2002	0	*	*	0	*	*	*	0	*	*	0	*
	2001	1	*	*	3	*	*	*	1	*	*	3	*
	2000	0	*	*	0	*	*	*	0	*	*	0	*
	1999	0	*	*	0	*	*	*	0	*	*	0	*
	1998	0	*	*	0	*	*	*	0	*	*	0	*
Total All Race/Ethnic Groups	2007	56,363	9.6	7.2	230,562	6.8	4.0	12.5	97,905	16.4	13.7	139,304	14.6
	2006	55,559	9.8	7.3	225,665	6.8	4.1	12.4	95,780	16.2	13.3	135,168	12.9
	2005	53,632	9.8	7.8	222,271	6.7	4.2	12.3	95,227	15.6	12.7	136,536	14.0
	2004	52,604	9.6	8.0	221,604	6.8	4.0	13.0	95,863	16.1	13.2	136,704	13.1
	2003	50,792	9.4	8.3	216,362	6.9	4.3	12.7	93,962	16.1	12.9	134,250	13.1
	2002	49,439	9.5	8.2	216,350	7.0	4.6	12.2	94,065	15.7	12.4	139,155	13.0
	2001	55,685	9.7	8.5	221,698	7.7	4.8	11.8	93,453	15.6	12.3	164,937	13.8
	2000	55,392	8.9	8.6	216,687	7.5	4.8	11.7	90,754	15.5	12.0	160,182	14.6
	1999	72,792	8.9	8.9	314,350	7.3	5.0	11.0	135,007	14.8	11.0	208,807	15.1
	1998	55,572	9.4	8.8	215,365	7.5	5.5	10.3	90,760	14.3	10.1	168,297	14.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 19C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Page: 1
Run Date: 5 / 9 / 08

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity ⁽³⁾							
Race/Ethnicity and Year		Breastfeeding ⁽⁴⁾					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
White, Not Hispanic	2007	31,633	56.4	23,935	15.7	20,596	12.5
	2006	31,248	55.1	22,705	16.3	19,128	13.6
	2005	21,842	55.2	21,948	15.9	20,000	12.9
	2004	32,949	52.6	25,703	15.1	20,587	12.3
	2003	31,430	51.8	24,353	15.4	19,700	12.3
	2002	31,081	50.6	24,869	14.4	20,076	11.3
	2001	33,432	49.6	25,549	13.4	20,071	10.3
	2000	32,861	48.5	24,714	13.4	19,224	9.8
	1999	43,246	48.0	31,333	12.9	24,069	9.7
	1998	32,917	47.6	25,098	12.6	19,787	9.7
Black, Not Hispanic	2007	16,320	37.8	10,914	11.3	9,875	9.6
	2006	16,154	38.0	10,751	11.4	9,481	8.8
	2005	11,468	37.7	10,478	10.5	9,689	9.0
	2004	15,957	35.5	12,274	10.2	10,169	7.8
	2003	15,590	34.3	12,098	9.8	9,830	8.2
	2002	15,315	33.5	12,091	9.2	10,272	7.4
	2001	18,637	32.0	13,005	7.7	10,377	6.3
	2000	18,897	29.8	12,971	8.5	10,433	6.6
	1999	23,841	31.8	15,621	8.7	12,865	6.6
	1998	17,838	31.4	12,096	7.0	9,497	5.5

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 19C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Page: 2
Run Date: 5 / 9 / 08

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity ⁽³⁾							
Race/Ethnicity and Year		Breastfeeding ⁽⁴⁾					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
Hispanic	2007	7,329	61.9	5,552	21.8	5,363	17.3
	2006	7,220	62.9	5,450	22.6	5,168	17.8
	2005	5,147	65.1	4,557	22.4	4,472	17.4
	2004	5,778	61.7	4,523	22.2	4,323	18.3
	2003	5,709	63.4	4,142	22.8	3,775	18.1
	2002	5,002	61.3	4,013	21.2	3,945	15.9
	2001	5,834	61.9	4,420	19.3	3,963	14.2
	2000	5,834	56.4	3,908	18.6	3,258	13.5
	1999	6,167	54.0	4,105	15.9	3,384	11.8
	1998	3,865	53.7	2,747	15.7	2,352	12.2
American Indian/Alaskan Native	2007	198	60.6	114	11.4	112	9.8
	2006	166	51.8	128	16.4	120	5.8
	2005	168	60.1	199	18.1	196	14.8
	2004	405	53.3	258	16.3	261	11.1
	2003	359	46.8	272	18.0	237	12.7
	2002	329	52.9	248	12.5	224	10.7
	2001	340	45.0	239	13.4	213	12.7
	2000	333	54.7	235	13.6	234	9.4
	1999	455	48.1	322	11.8	276	8.7
	1998	319	40.4	254	11.4	190	7.9

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 19C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Page: 3
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Summary of Trends in Breastfeeding Indicators by Race/Ethnicity ⁽³⁾							
Race/Ethnicity and Year		Breastfeeding ⁽⁴⁾					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
Asian/Pacific Islander	2007	841	59.8	617	28.4	556	25.9
	2006	897	60.3	686	29.9	604	23.8
	2005	693	56.9	641	31.4	594	21.5
	2004	872	56.8	701	24.5	611	20.8
	2003	865	56.4	680	28.1	498	16.9
	2002	706	53.0	558	20.8	458	16.2
	2001	683	49.3	528	16.3	408	11.0
	2000	654	48.3	452	17.3	375	13.9
	1999	799	48.2	573	14.8	454	10.1
	1998	584	51.7	448	17.6	375	13.9
Multiple Races	2007	3,005	51.7	2,344	11.3	2,091	8.6
	2006	2,990	50.1	2,167	12.0	1,797	9.2
	2005	1,496	50.5	956	12.1	779	8.5
	2004	0	*	0	*	0	*
	2003	0	*	0	*	0	*
	2002	0	*	0	*	0	*
	2001	0	*	0	*	0	*
	2000	0	*	0	*	0	*
	1999	0	*	0	*	0	*
	1998	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 19C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

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Summary of Trends in Breastfeeding Indicators by Race/Ethnicity ⁽³⁾							
Race/Ethnicity and Year		Breastfeeding ⁽⁴⁾					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
All Other/Unknown	2007	0	*	0	*	0	*
	2006	1	*	3	*	5	*
	2005	16,477	49.6	3,759	16.9	848	3.9
	2004	0	*	0	*	0	*
	2003	0	*	0	*	0	*
	2002	0	*	0	*	0	*
	2001	1	*	2	*	1	*
	2000	0	*	0	*	0	*
	1999	0	*	0	*	0	*
	1998	0	*	0	*	0	*
Total All Race/Ethnic Groups	2007	59,326	51.8	43,476	15.3	38,593	12.4
	2006	58,676	51.2	41,890	15.8	36,303	12.9
	2005	57,291	50.9	42,538	15.5	36,578	12.2
	2004	55,961	48.7	43,459	14.6	35,951	11.9
	2003	53,953	48.0	41,545	14.7	34,040	11.8
	2002	52,433	46.7	41,779	13.6	34,975	10.7
	2001	58,927	45.2	43,743	12.3	35,033	9.6
	2000	58,579	43.3	42,280	12.4	33,524	9.2
	1999	74,508	43.3	51,954	11.9	41,048	8.9
	1998	55,523	42.8	40,643	11.2	32,201	8.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 20C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Growth Indicators by Age
Children Aged < 5 Years (2)

Page: 1
Run Date: 5 / 9 / 08

Summary of Trends in Growth Indicators by Age ⁽³⁾																		
Age and Year *		Height and Weight								Age and Year *		Height and Weight						
		Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)						Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)		
		Number	%	%	%	Number	%	%				Number	%	%	%	Number	%	%
			<5th	<5th	≥95th		85th-<95th	≥95th				<5th	<5th	≥95th		85th-<95th	≥95th	
0 - 11 Months										24 - 35 Months								
2007	82,460	10.1	5.4	9.9	0	*	*		2007	38,304	4.7	3.3	12.3	38,304	15.8	12.3		
2006	81,510	10.2	5.3	9.9	0	*	*		2006	37,595	4.6	3.7	11.9	37,595	15.8	11.9		
2005	79,096	10.1	5.2	10.4	0	*	*		2005	36,469	4.2	4.0	11.1	36,469	14.9	11.1		
2004	78,881	10.1	5.0	11.1	0	*	*		2004	36,379	4.6	3.7	12.0	36,379	15.4	12.0		
2003	77,207	9.7	5.3	11.0	0	*	*		2003	36,372	4.8	3.9	11.8	36,372	15.6	11.8		
2002	76,048	10.2	6.1	10.5	0	*	*		2002	36,515	4.6	4.0	11.4	36,515	15.1	11.4		
2001	82,634	11.6	6.5	9.8	0	*	*		2001	36,045	4.5	4.1	11.0	36,045	14.9	11.0		
2000	81,685	11.0	6.7	9.6	0	*	*		2000	35,142	4.7	4.4	10.8	35,142	14.4	10.8		
1999	111,600	10.7	6.6	9.4	0	*	*		1999	53,484	4.4	4.6	10.2	53,484	13.9	10.2		
1998	81,344	10.9	7.5	8.9	0	*	*		1998	33,897	4.5	4.9	9.2	33,897	13.2	9.2		
12 - 23 Months										36 - 47 Months								
2007	50,197	6.4	2.9	14.6	0	*	*		2007	32,415	4.2	3.5	14.1	32,415	16.6	14.1		
2006	48,375	6.4	3.0	14.7	0	*	*		2006	31,368	4.0	3.9	13.8	31,368	16.3	13.8		
2005	47,948	6.1	2.9	14.6	0	*	*		2005	31,555	4.3	4.2	13.0	31,555	15.5	13.0		
2004	46,860	6.4	2.7	16.0	0	*	*		2004	32,687	4.4	3.8	13.6	32,687	16.0	13.6		
2003	45,193	6.8	2.9	15.1	0	*	*		2003	31,691	4.6	4.3	13.2	31,691	16.4	13.2		
2002	46,237	6.5	3.2	14.6	0	*	*		2002	31,111	4.6	4.0	13.1	31,111	15.9	13.1		
2001	45,611	7.0	3.1	14.5	0	*	*		2001	31,055	4.7	4.0	12.3	31,055	15.8	12.3		
2000	44,248	6.7	3.1	14.7	0	*	*		2000	30,335	4.7	4.0	12.8	30,335	15.8	12.8		
1999	67,743	6.9	3.3	13.8	0	*	*		1999	46,241	4.8	4.7	11.5	46,241	15.2	11.5		
1998	43,261	6.5	3.5	13.2	0	*	*		1998	30,541	5.3	4.5	10.7	30,541	14.6	10.7		

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 20C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Growth Indicators by Age
Children Aged < 5 Years (2)

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Summary of Trends in Growth Indicators by Age ⁽³⁾																			
Age and Year *		Height and Weight									Age and Year *		Height and Weight						
		Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)							Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)		
		Number	%	%	%	Number	%	%					Number	%	%	%	Number	%	%
		<5th	<5th	≥95th	85th-<95th			≥95th			<5th	<5th	≥95th	85th-<95th			≥95th		
48 - 59 Months																			
2007		27,186	3.8	3.0	15.1	27,186			17.1	15.1									
2006		26,817	4.0	3.7	14.7	26,817			16.6	14.7									
2005		27,203	3.8	4.0	14.3	27,203			16.5	14.3									
2004		26,797	3.9	3.7	14.3	26,797			17.0	14.3									
2003		25,899	4.2	3.9	14.2	25,899			16.7	14.2									
2002		26,439	4.6	4.0	13.1	26,439			16.2	13.1									
2001		26,353	4.6	3.7	13.9	26,353			16.3	13.9									
2000		25,277	4.5	3.8	12.8	25,277			16.5	12.8									
1999		35,282	4.8	4.4	11.5	35,282			15.6	11.5									
1998		26,322	4.8	4.6	10.6	26,322			15.4	10.6									
Total All Age Groups																			
2007		230,562	6.8	4.0	12.5	97,905			16.4	13.7									
2006		225,665	6.8	4.1	12.4	95,780			16.2	13.3									
2005		222,271	6.7	4.2	12.3	95,227			15.6	12.7									
2004		221,604	6.8	4.0	13.0	95,863			16.1	13.2									
2003		216,362	6.9	4.3	12.7	93,962			16.1	12.9									
2002		216,350	7.0	4.6	12.2	94,065			15.7	12.4									
2001		221,698	7.7	4.8	11.8	93,453			15.6	12.3									
2000		216,687	7.5	4.8	11.7	90,754			15.5	12.0									
1999		314,350	7.3	5.0	11.0	135,007			14.8	11.0									
1998		215,365	7.5	5.5	10.3	90,760			14.3	10.1									

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 21C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Anemia by Age
Children Aged < 5 Years (2)

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Summary of Trends in Anemia by Age (3)						
Age and Year		Anemia Low Hb/Hct (4)				
		Number	%			
6 - 11 Months				18 - 23 Months		
	2007	7,066	18.2		2007	20,581 15.2
	2006	7,421	15.6		2006	19,732 13.0
	2005	7,508	16.7		2005	20,105 14.7
	2004	6,915	16.3		2004	19,903 13.3
	2003	7,718	16.6		2003	19,678 13.6
	2002	13,917	14.3		2002	20,855 13.5
	2001	37,241	16.4		2001	21,288 14.3
	2000	36,024	18.1		2000	20,425 14.9
	1999	44,496	17.2		1999	30,534 14.9
	1998	35,028	17.6		1998	20,080 15.6
12 - 17 Months				24 - 35 Months		
	2007	33,931	17.6		2007	31,026 15.9
	2006	32,334	14.9		2006	30,393 14.2
	2005	32,429	16.0		2005	30,215 15.3
	2004	32,249	15.3		2004	30,100 14.3
	2003	30,495	15.1		2003	30,750 14.5
	2002	28,353	15.1		2002	28,354 15.1
	2001	24,695	15.7		2001	32,230 14.5
	2000	24,359	16.4		2000	31,739 15.2
	1999	35,848	15.8		1999	42,042 16.8
	1998	23,925	16.4		1998	34,504 16.0

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 21C
2007 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Anemia by Age
Children Aged < 5 Years (2)

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Run Date: 5 / 9 / 08

Summary of Trends in Anemia by Age (3)								
Age and Year		Anemia Low Hb/Hct (4)			Age and Year		Anemia Low Hb/Hct (4)	
		Number	%		Number	%		
36 - 59 Months					Total All Age Groups			
	2007	46,700	10.9			2007	139,304	14.6
	2006	45,288	10.0			2006	135,168	12.9
	2005	46,279	10.9			2005	136,536	14.0
	2004	47,537	10.2			2004	136,704	13.1
	2003	45,609	10.2			2003	134,250	13.1
	2002	47,676	10.0			2002	139,155	13.0
	2001	49,483	10.2			2001	164,937	13.8
	2000	47,635	10.4			2000	160,182	14.6
	1999	55,887	11.8			1999	208,807	15.1
	1998	54,760	10.9			1998	168,297	14.7
All Other/Unknown								
	2007	0	*					
	2006	0	*					
	2005	0	*					
	2004	0	*					
	2003	0	*					
	2002	0	*					
	2001	0	*					
	2000	0	*					
	1999	0	*					
	1998	0	*					

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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